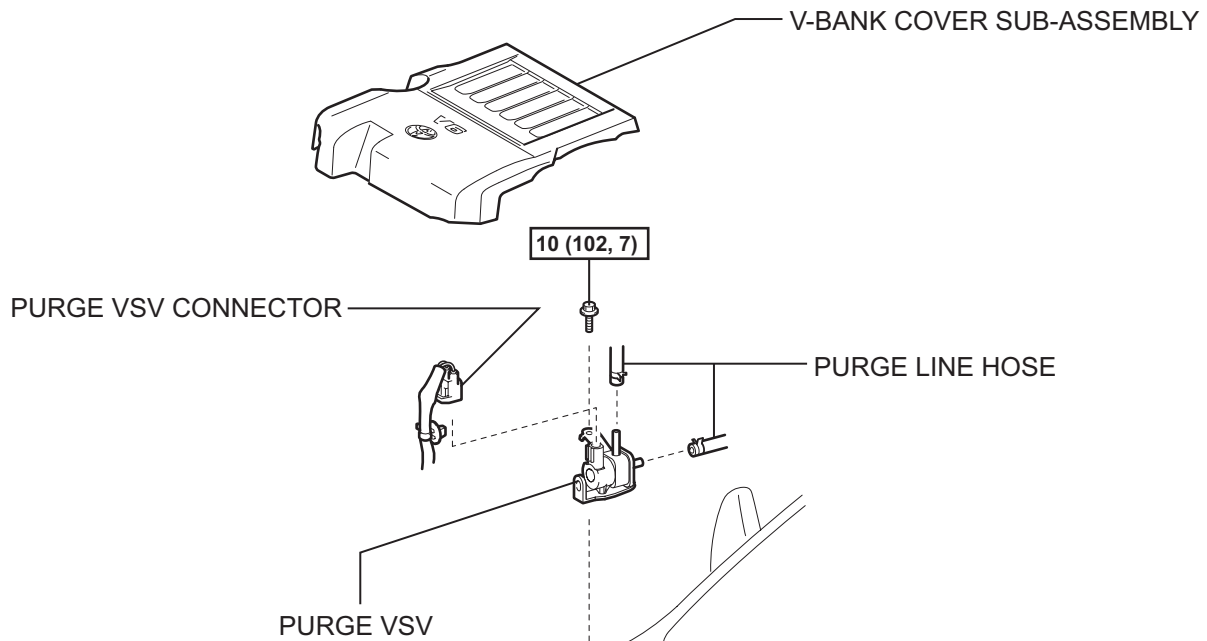


# VACUUM SWITCHING VALVE

## COMPONENTS

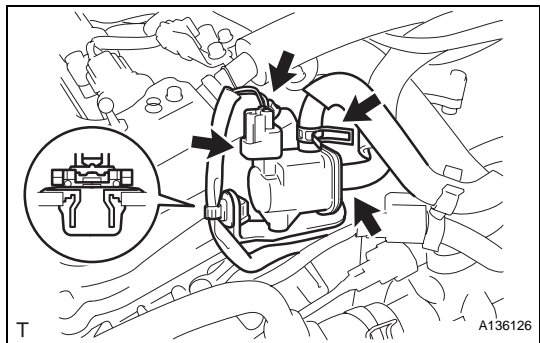


**N\*m (kgf\*cm, ft.\*lbf)** : Specified torque

**EC**

REMOVAL

- 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL  
CAUTION:  
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
- 2. REMOVE V-BANK COVER SUB-ASSEMBLY (See page EM-21)
- 3. REMOVE PURGE VSV
  - (a) Disconnect the purge VSV connector.
  - (b) Disconnect the wire harness clamp.
  - (c) Disconnect the 2 purge line hoses from the purge VSV.
  - (d) Remove the bolt and purge VSV.

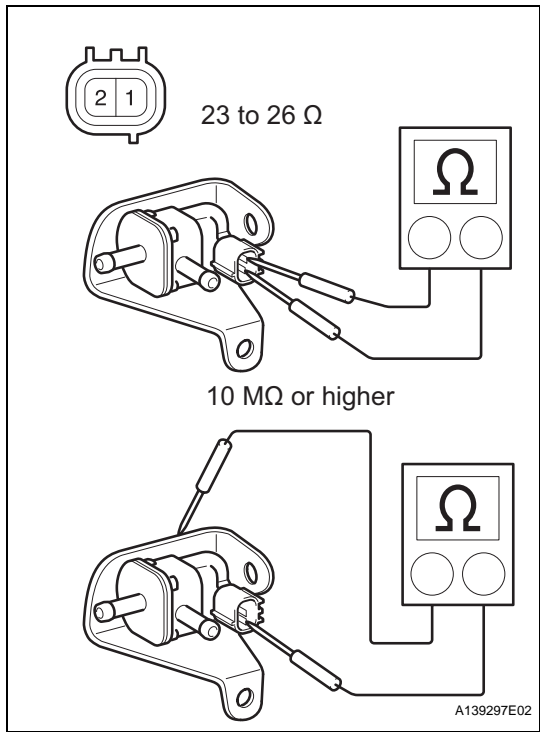


INSPECTION

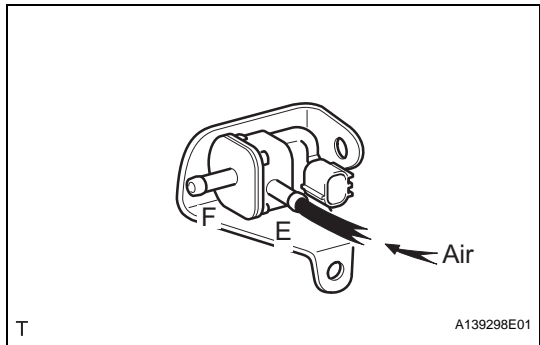
- 1. INSPECT PURGE VSV
  - (a) Measure the resistance of the purge VSV.  
Standard resistance

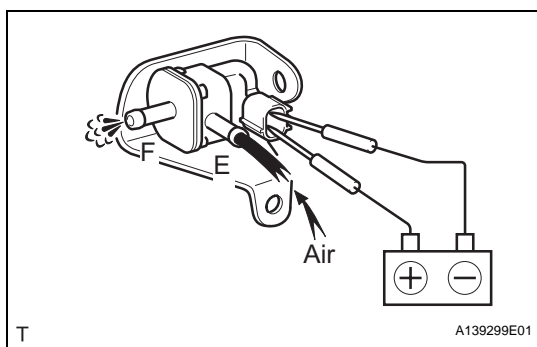
Tester Connection	Condition	Specified Condition
1 - 2	20°C (68°F)	23 to 26 Ω
1 - Body ground 2 - Body ground	-	10 MΩ or higher

If the result is not as specified, replace the purge VSV.



- (b) Check the operation of the purge VSV.
  - (1) Check that air does not flow from port E to port F.





- (2) Apply battery voltage across the terminals.
- (3) Check that air flows from port E to port F.  
If the result is not as specified, replace the purge VSV.

## INSTALLATION

### 1. INSTALL PURGE VSV

- (a) Install the purge VSV with the bolt.  
**Torque: 10 N\*m (102 kgf\*cm, 7 in.\*lbf)**
- (b) Connect the 2 purge line hoses to the purge VSV.
- (c) Connect the wire harness clamp.
- (d) Connect the purge VSV connector.

### 2. INSTALL V-BANK COVER SUB-ASSEMBLY (See page [EM-42](#))

### 3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

